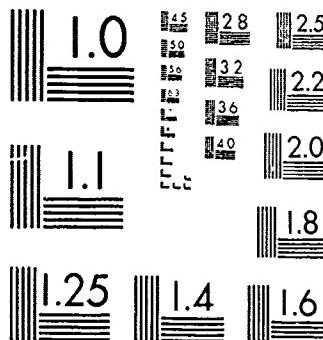


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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

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100 COMPANIES AND THEIR SUBSIDIARY CORPORATIONS

LISTED ACCORDING TO NET VALUE OF MILITARY

PRIME CONTRACT AWARDS

The 100 companies which received the largest dollar volume of military prime contracts of \$10,000 or more in fiscal year 1962 accounted for 72.3% of the United States total. This represented a decline of 1.9 percentage points from the 74.2% during fiscal year 1961, and was the lowest percentage obtained by a group of 100 top companies in the last 5 years. (Table 1 shows the figures by company for fiscal year 1962, and Table 2 shows data for fiscal year 1961).

It may be seen from the following table that the decline occurred in the first 25 companies which received 4% less of the total in fiscal year 1962 than in the previous year whereas companies in the 25th to 100th positions obtained 2.1% more of the 1962 total.

<u>Percent of U. S. Total</u>					
<u>Companies</u>	<u>FY 1958</u>	<u>FY 1959</u>	<u>FY 1960</u>	<u>FY 1961</u>	<u>FY 1962</u>
1st	9.8%	7.2%	6.0%	6.5%	5.6%
2nd	6.4	5.2	5.1	5.2	4.7
3rd	3.6	4.5	4.8	5.2	4.4
4th	3.5	4.1	4.6	4.1	4.0
5th	3.0	4.0	4.3	3.8	3.8
1 - 5	26.3%	25.0%	24.8%	24.8%	22.5%
6 - 10	12.4	12.0	11.3	11.8	11.1
11 - 25	19.1	17.6	17.4	18.2	17.2
1 - 25	57.8%	54.6%	53.5%	54.8%	50.8%
26 - 50	9.1	10.7	11.3	11.0	12.6
51 - 75	4.8	5.5	5.4	5.5	6.0
76 - 100	2.5	3.0	3.2	2.9	2.9
1 - 100	74.2%	73.8%	73.4%	74.2% r/	72.3%

r - Revised

The decline in the 100-company percentage was attributable principally to a phasing down in some aircraft programs (e.g., B-58), and an increase in the procurement of equipment for the Army modernization program.

In fiscal year 1962, aircraft represented 21.5% of the Defense total compared to 19.5% in fiscal year 1961. Vehicles, conventional weapons and ammunition programs accounted for 8.3% of the total in 1962 compared to 5.5% in 1961, and many of these items were susceptible to production by relatively small companies.

Also responsible for the decrease in the 100 company percentage was the greater emphasis on the Department of Defense Small Business Program, with the result that such concerns received 17.7% of the fiscal year 1962 total against 15.9% in fiscal year 1961. One of the methods used to attain this result was to utilize to a greater extent competitive bidding for aircraft replenishment parts which had previously been obtained from the aircraft producer.

It should be noted that the reduction in the top 100 company percentage would have been more pronounced were it not for mergers and acquisitions which occurred in fiscal year 1962. While it is not possible to measure the total effect of mergers and acquisitions precisely, the following examples indicate the importance of this factor.

New Company		Merged Companies			
Name	Rank FY 62	Name	Rank FY 61	Name	Rank FY 61
Ford Motor	20	Ford	43	Philco	31
Ling-Temco-Vought	37	Ling-Temco	61	Chance-Vought	36
Litton Industries	46	Litton Industries	--	Ingalls Ship- building	86
Lear-Siegler	56	Lear Inc.	60	Siegler Corp.	--

More than half of the companies on the fiscal year 1962 list were engaged in missile-space, aircraft and electronics work, and the contract work of many of the companies involved more than one major contract category. Based on the category representing the largest dollar volume of contracts received by a company, there were 20 missile-space, 19 electronics and 17 aircraft firms. Of the remaining 44 companies, 10 were petroleum refineries, 7 each were tank-automotive, ship, ammunition, and service companies, 5 were construction firms and one was a rifle producer.

Indicative of the importance of educational and nonprofit institutions to the defense program is the fact that 5 such institutions are on the 100 company list. These are the Massachusetts Institute of Technology, Johns Hopkins University, Aerospace Corp., System Development Corp. and Mitre Corp.

There were 4 companies which received more than \$1 billion each in prime contract awards in fiscal year 1962. The companies and a brief description of their more important contract work are as follows:

The Lockheed Aircraft Corp. led the list for the first time and received \$1,419.5 million, or 5.6% of the total. In fiscal year 1961 this company

was third with 5.2% of the total. The aircraft contracts included the C-140 jet transport, C-130 Hercules Turboprop jet transport, F-140 fighter jet, P2V-7 Neptune piston-engine patrol bomber, and the P3V-1 Electra advanced jet version. It is a principal prime contractor for the Polaris missile, the Discoverer series of polar-orbiting satellites, the Agena space vehicle and other space vehicles. Through its subsidiaries, the company received contracts for shipbuilding, electronics, and heavy construction.

General Dynamics Corp., after having been first on the lists for fiscal years 1959, 1960 and 1961, slipped to second place in fiscal year 1962 with 4.7% of the total, compared to 6.5% in the previous year. Its Electric Boat Division is a principal producer of nuclear submarines. The Astronautics Division developed and produced the Atlas intercontinental ballistic missile. Although no new contracts were received for B-58 bombers in fiscal year 1962, the Fort Worth Division continued to obtain contracts for repair parts and components for this aircraft. Pomona Division contracts included Terrier and Tartar surface-to-air missiles, the Red-Eye man-carried anti-aircraft missile, and Mauler integrated battle defense system.

Boeing Co. was in third place (4.4%), up from fourth in fiscal year 1961. Boeing military research and production was almost entirely in aircraft and missiles. Projects included the C-135 troop transport, Chinook troop transport, and HRB-1 Sea Knight assault transport helicopters, Bomarc surface-to-air missile, Minuteman intercontinental ballistic missile, Dyna-Soar space glider, and Saturn booster system.

North American Aviation Inc. (4.0%) was 4th in fiscal year 1962, down from 2nd place in fiscal year 1961. Its prime contract work, also, is predominantly for aircraft and missiles, including the A3J-1 Vigilante attack weapon system, the T-39 Sabreliner twin-jet utility plane, B-70 Valkyrie long-range strategic weapon system, the Hound Dog air-to-surface missile, and guidance and ground checkout equipment for the Minuteman missile.

The next four concerns, which received awards totaling over \$450 million up to \$1 billion, also were engaged principally in aircraft and missile work. General Electric Co. produces jet engines, as well as many electrical and electronics devices. Martin-Marietta Co., assembles the Titan, Pershing and Bullpup missiles, and produces ground support equipment for missiles. United Aircraft Corp. makes jet engines, helicopters, propellers, and electronic devices for aircraft. American Telephone & Telegraph Co., through its subsidiary, Western Electric Co., is a principal contractor for the Nike series of missiles.

It has been noted in previous reports that a substantial part of the prime contract work of companies on the 100 company list is subcontracted to other concerns. About one-half of the military work of the large concerns is subcontracted, and over one-third of the amount subcontracted is paid to small business concerns.

INDEX OF 100 PARENT COMPANIES WHICH WITH THEIR SUBSIDIARIES RECEIVED THE
LARGEST DOLLAR VOLUME OF MILITARY PRIME CONTRACT AWARDS IN FISCAL YEAR 1962

Rank	Parent Company	Rank	Parent Company
60.	Aerospace Corp.	74.	Laboratory for Electronics, Inc.
53.	American Bosch Arma Corp.	56.	Lear-Siegler, Inc.
24.	American Machine & Foundry Co.	37.	Ling-Temco-Vought, Inc.
8.	American Telephone & Telegraph Co.	45.	Litton Industries, Inc.
89.	Aro, Inc.	1.	Lockheed Aircraft Corp.
16.	Avco Corp.	55.	Magnavox Co.
65.	Bath Iron Works Corp.	17.	Marquardt Corp.
19.	Bendix Corp.	6.	Martin Marietta Corp.
44.	Bethlehem Steel Corp.	68.	Mason & Hanger - Silas Mason Co.
98.	Blount Brothers Construction Co.	52.	Massachusetts Institute of Technology
3.	Boeing Co.	17.	McDonnell Aircraft Corp.
62.	Bowen-McLaughlin-York, Inc.	38.	Minneapolis-Honeywell Regulator Co.
48.	Burroughs Corp.	93.	Mitre Corp.
27.	Chrysler Corp.	61.	Morrison-Knudsen & Associates
82.	Cities Service Co.	88.	Motec Industries, Inc.
33.	Collins Radio Co.	86.	Motorola, Inc.
49.	Continental Motors Corp.	25.	Newport News Shipbuilding & Dry Dock Co.
69.	Continental Oil Co.	4.	North American Aviation, Inc.
35.	Curtiss-Wright Corp.	32.	Northrop Corp.
13.	Douglas Aircraft Co.	94.	Ogden Corp.
71.	du Pont (E.I.) de Nemours & Co.	64.	Olin Mathieson Chemical Corp.
63.	Eastman Kodak Co.	34.	Pan American World Airways, Inc.
30.	F M C Corp.	91.	Phillips Petroleum Co.
85.	Fairchild Stratos Corp.	14.	Radio Corp. of America
76.	Flying Tiger Line, Inc.	11.	Raytheon Co.
20.	Ford Motor Co.	15.	Republic Aviation Corp.
67.	Garrett Corp.	79.	Richfield Oil Corp.
2.	General Dynamics Corp.	87.	Ryan Aeronautical Co.
5.	General Electric Co.	90.	Sanders Associates, Inc.
10.	General Motors Corp.	58.	Shell Caribbean Petroleum Co.
57.	General Precision Equipment Corp.	59.	Socony Mobil Oil Co.
40.	General Telephone & Electronics Corp.	9.	Sperry Rand Corp.
12.	General Tire & Rubber Co.	41.	Standard Oil Co. of California
97.	Gilfillan Corp.	80.	Standard Oil Co. (Indiana)
51.	Goodyear Tire & Rubber Co.	28.	Standard Oil Co. (New Jersey)
18.	Grumman Aircraft Engineering Corp.	83.	System Development Corp.
99.	Hallcrafters Co.	42.	Texaco, Inc.
72.	Hardeman-Fischback	96.	Texas Instruments, Inc.
78.	Harrington & Richardson	39.	Textron, Inc.
95.	Harvey Aluminum, Inc.	29.	Thickol Chemical Corp.
66.	Hayes International Corp.	43.	Thompson Ramo Woolridge, Inc.
81.	Hazeltine Corp.	73.	Todd Shipyards Corp.
26.	Hercules Powder Co.	100.	Union Carbide Corp.
23.	Hughes Aircraft Co.	7.	United Aircraft Corp.
31.	International Business Machines Corp.	92.	Universal American Corp.
54.	International Harvester Co.	84.	Vitro Corp. of America
22.	International Telephone & Telegraph Corp.	21.	Westinghouse Electric Corp.
70.	Johns Hopkins University	46.	White Motor Co.
47.	Kaiser Industries Corp.		
75.	Kaiser-Raymond-Macco-Puget Sound		
50.	Kaman Aircraft Corp.		
36.	Kiewit (Peter) Sons' Co.		

TABLE I
 100 COMPANIES AND THEIR SUBSIDIARIES LISTED ACCORDING TO
 NET VALUE OF MILITARY PRIME CONTRACT AWARDS
 Fiscal Year 1962
 (1 July 1961 - 30 June 1962)

Rank	Companies	Millions of Dollars	Percent of U.S. Total	Cumulative Percent of U. S. Total
	U. S. TOTAL a/	\$25,588.4	100.0%	100.0%
	TOTAL, 100 COMPANIES AND THEIR SUBSIDIARIES b/	18,497.2	72.3	72.3
1.	LOCKHEED AIRCRAFT CORP.	1,383.9	5.5	
	Lockheed Air Terminal, Inc.	(-) 7.0	d/	
	Lockheed Aircraft International, Inc.	2.3	d/	
	Lockheed Electronics Co.	5.1	d/	
	Lockheed Propulsion Co.	3.2	d/	
	Puget Sound Bridge & Dry Dock Co.	32.0	0.1	
	Total	1,419.5	5.6	5.6
2.	GENERAL DYNAMICS CORP.	1,196.6	4.7	10.3
3.	BOEING CO.	1,132.8	4.4	14.7
4.	NORTH AMERICAN AVIATION, INC.	1,032.5	4.0	18.7
5.	GENERAL ELECTRIC CO.	975.9	3.8	22.5
6.	MARTIN MARIETTA CORP.	802.7	3.1	25.6
7.	UNITED AIRCRAFT CORP.	661.1	2.6	
	United Technology Corp.	1.6	d/	
	Total	662.7	2.6	28.2
8.	AMERICAN TELEPHONE & TELEGRAPH CO.	14.3	0.1	
	Chesapeake & Potomac Tel. Co.	3.0	d/	
	Illinois Bell Telephone Co.	0.1	d/	
	Mountain States Tel. & Tel. Co.	0.3	d/	
	New England Tel. & Tel. Co.	c/	d/	
	New Jersey Bell Tel. Co.	0.1	d/	
	New York Telephone Co.	c/	d/	
	Pacific Tel. & Tel. Co.	0.4	d/	
	Southern Bell Tel. & Tel. Co.	0.9	d/	
	Southwestern Bell Tel. Co.	0.2	d/	
	Teletype Corp.	13.3	0.1	
	Western Electric Co.	435.1	1.6	
	Total	467.7	1.8	30.0

TABLE 1 (Continued)

Rank	Companies	Millions of Dollars	Percent of U. S. Total	Cumulative Percent of U.S. Total
9.	SPERRY RAND CORP.	\$ 456.8	1.8	
	Vickers, Inc.	8.8	d/	
	Total	<u>465.6</u>	<u>1.8</u>	31.8
10.	GENERAL MOTORS CORP.	448.6	1.8	
	Ethyl Corp. e/	0.3	d/	
	Frigidaire Sales Corp.	0.1	d/	
	Total	<u>449.0</u>	<u>1.8</u>	33.6
11.	RAYTHEON Co.	405.0	1.6	
	Machlett Laboratories, Inc.	1.6	d/	
	Sorenson & Co., Inc.	c/	d/	
	Trans-Sil Corp.	c/	d/	
	Total	<u>406.6</u>	<u>1.6</u>	35.2
12.	GENERAL TIRE & RUBBER CO.	10.0	d/	
	Aerojet-General Corp.	348.7	1.4	
	Aerojet-General Nucleonics	3.8	d/	
	Byers (A.M.) Co.	0.8	d/	
	Space General Corp.	2.8	d/	
	Stauffer-Aerojet Chemical Co.	c/	d/	
	Total	<u>366.1</u>	<u>1.4</u>	36.6
13.	DOUGLAS AIRCRAFT CO.	365.3	1.4	
	Astropower, Inc.	0.3	d/	
	Total	<u>365.6</u>	<u>1.4</u>	38.0
14.	RADIO CORP. OF AMERICA	339.6	1.3	39.3
15.	REPUBLIC AVIATION CORP.	332.8	1.3	40.6
16.	AVCO CORP.	323.3	1.3	41.9
17.	McDONNELL AIRCRAFT CORP.	310.9	1.2	43.1
18.	GRUMMAN AIRCRAFT ENGINEERING CORP.	303.6	1.2	44.3
19.	HENDIX CORP.	285.0	1.1	
	Bendix-Westinghouse Automotive			
	Air Brake Co.	0.3	d/	
	Cleveland Instrument Co.	0.5	d/	
	Micrometrical Mfg. Co.	c/	d/	
	Sheffield Corp.	0.1	d/	
	Total	<u>285.9</u>	<u>1.1</u>	45.4
20.	FORD MOTOR CO.	110.1	0.4	
	Philco Corp.	159.0	0.7	
	Total	<u>259.1</u>	<u>1.1</u>	46.5

TABLE 1 (Continued)

Rank	Companies	Millions of Dollars	Percent of U.S. Total	Cumulative Percent of U.S. Total
21.	WESTINGHOUSE ELECTRIC CORP.	\$ 245.7	1.0	
	Thermo King Corp.	0.3	d/	
	Total	<u>246.0</u>	<u>1.0</u>	47.5
22.	INTERNATIONAL TELEPHONE & TELEGRAPH CORP.	166.1	0.7	
	Federal Electric Corp.	64.3	0.3	
	International Electric Corp.	11.6	d/	
	Jennings Radio Mfg. Co.	0.4	d/	
	Kuthe Laboratories, Inc.	0.9	d/	
	Mackay Radio & Telegraph Co.	0.1	d/	
	Royal Electric Corp.	c/	d/	
	Suprenant Mfg. Co.	0.2	d/	
	Total	<u>243.6</u>	<u>1.0</u>	48.5
23.	HUGHES AIRCRAFT CO.	234.2	0.9	49.4
24.	AMERICAN MACHINE & FOUNDRY CO.	187.0	0.7	
	Beaird (J. B.) Co., Inc.	0.2	d/	
	Cuno Engineering Co.	0.1	d/	
	Total	<u>187.3</u>	<u>0.7</u>	50.1
25.	NEWPORT NEWS SHIPBUILDING & DRY DOCK CO.	185.0	0.7	50.8
26.	HERCULES POWDER CO.	181.6	0.7	51.5
27.	CHRYSLER CORP.	181.5	0.7	52.2
28.	STANDARD OIL CO. (NEW JERSEY)	0.0	0.0	
	Esso International, Inc.	103.4	0.4	
	Esso Research & Engineering Co.	2.4	d/	
	Esso Standard Eastern, Inc.	5.5	d/	
	Ethyl Corp. e/	0.3	d/	
	Gilbert & Barker Mfg. Co.	c/	d/	
	Humble Oil & Refining Co.	68.3	0.3	
	Jersey Production Research Co.	0.1	d/	
	National Plastic Products Co.	0.1	d/	
	Total	<u>180.1</u>	<u>0.7</u>	52.9
29.	THIOKOL CHEMICAL CORP.	178.2	0.7	
	Shawnee Industries, Inc.	0.1	d/	
	Total	<u>178.3</u>	<u>0.7</u>	53.6
30.	F M C CORP.	160.4	0.6	
	Chiksan Co.	c/	d/	
	Total	<u>160.4</u>	<u>0.6</u>	54.2

TABLE 1 (Continued)

Rank	Companies	Millions of Dollars	Percent of U.S. Total	Cumulative Percent of U.S. Total
31.	INTERNATIONAL BUSINESS MACHINES CORP.	\$ 154.9	0.6	
	Service Bureau Corp.	0.6	d/	
	Total	155.5	0.6	54.8
32.	NORTHROP CORP.	128.9	0.5	
	Page Communications Engineers, Inc.	23.6	0.1	
	Total	152.5	0.6	55.4
33.	COLLINS RADIO CO.	150.1	0.6	56.0
34.	PAN AMERICAN WORLD AIRWAYS, INC.	146.7	0.6	56.6
35.	CURTISS-WRIGHT CORP.	144.6	0.6	
	Abrams Instrument Corp.	c/	d/	
	Redel, Inc.	c/	d/	
	Total	144.6	0.6	57.2
36.	KIEWIT (PETER) SONS' CO.	142.7	0.6	57.8
37.	LING-TEMCO-VOUGHT, INC.	93.5	0.4	
	Altec Lansing Corp.	0.2	d/	
	Continental Electronics Mfg. Co.	1.0	d/	
	F F & M Electronics	1.8	d/	
	Kentron Hawaii, Ltd.	0.1	d/	
	Temco Electronics & Missile Co.	35.5	0.1	
	University Loudspeakers, Inc.	1.3	d/	
	Total	133.4	0.5	58.3
38.	MINNEAPOLIS-HONEYWELL REGULATOR CO.	127.5	0.5	58.8
39.	TEXTRON, INC.	3.8	d/	
	Bell Aerospace Corp.	111.7	0.5	
	Nuclear Metals, Inc.	1.1	d/	
	Textron Electronics, Inc.	0.7	d/	
	Townsend Co.	0.1	d/	
	Vita-Var Corp.	c/	d/	
	Total	117.4	0.5	59.3
40.	GENERAL TELEPHONE & ELECTRONICS CORP.	0.1	d/	
	Automatic Electric Sales Corp.	2.8	d/	
	General Telephone & Electronics Laboratories, Inc.	1.0	d/	
	Lenkurt Electric Co., Inc.	5.6	d/	
	Sylvania Electric Products, Inc.	106.8	0.5	
	Total	116.3	0.5	59.8

TABLE 1 (Continued)

Rank	Companies	Millions of Dollars	Percent of U.S. Total	Cumulative Percent of U. S. Total
41.	STANDARD OIL COMPANY OF CALIFORNIA American Bitumuls & Asphalt Co. California Chemical Co. California Oil Co. California Research Corp. Caltex Oil Products Co. f/ Standard Oil Co. of Kentucky	\$ 59.9 0.1 0.1 15.5 0.1 37.7 1.8	0.2 d/ d/ 0.1 d/ 0.2 d/	
	Total	<u>115.2</u>	<u>0.5</u>	60.3
42.	TEXACO, INC. Caltex Oil Products Co. f/ Jefferson Chemical Co. Paragon Oil Co. Texaco (Brazil), Inc. Texaco Experiment, Inc. Texas Export, Inc. Texas Puerto Rico, Inc. Texas Trinidad, Inc.	32.2 37.7 0.1 1.0 0.1 0.7 15.2 1.6 <u>19.4</u>	0.1 0.2 d/ d/ d/ d/ d/ d/ 0.1	
	Total	<u>108.0</u>	<u>0.4</u>	60.7
43.	THOMPSON-RAMO-WOOLDRIDGE, Inc. Good-All Electric Mfg. Co. Magna Products, Inc. Pacific Semiconductors, Inc. Radio Condenser Co. Radio Industries, Inc. Space Technology Laboratories, Inc.	39.2 0.2 0.4 0.7 2.3 0.1 <u>62.8</u>	0.2 d/ d/ d/ d/ d/ 0.2	
	Total	<u>105.7</u>	<u>0.4</u>	61.1
44.	BETHLEHEM STEEL CORP. Bethlehem Steel Co. Bethlehem Steel Export Corp.	0.0 99.9 <u>c/</u>	0.0 0.4 d/	
	Total	<u>99.9</u>	<u>0.4</u>	61.5
45.	LITTON INDUSTRIES, INC. Aerc Service Corp. Airtron, Inc. Ingalls Shipbuilding Corp. Litton Electron Tube Corp. Litton Systems, Inc.	4.5 0.5 0.2 58.5 7.4 <u>17.2</u>	d/ d/ d/ 0.3 d/ 0.1	
	Total	<u>88.3</u>	<u>0.4</u>	61.9
46.	WHITE MOTOR CO. Oliver Corp.	87.4 <u>c/</u>	0.3 d/	
	Total	<u>87.4</u>	<u>0.3</u>	62.2

TABLE 1 (Continued)

Rank	Companies	Millions of Dollars	Percent of U. S. Total	Cumulative Percent of U.S. Total
47.	KAISER INDUSTRIES CORP.	0.1	d/	
	Kaiser (Henry J.) Co.	0.8	d/	
	Kaiser Steel Corp.	1.2	d/	
	National Steel & Shipbuilding Co.	17.6	d/	
	Willys Motors, Inc.	67.4	0.3	
	Total	87.1	0.3	62.5
48.	BURROUGHS CORP.	85.4	0.3	
	Burroughs Control Corp.	1.4	d/	
	Total	86.8	0.3	62.8
49.	CONTINENTAL MOTORS CORP.	72.2	0.3	
	Continental Aviation & Engineering Corp.	13.3	d/	
	Gray Marine Motor Co.	1.1	d/	
	Wisconsin Motor Corp.	c/	d/	
	Total	86.6	0.3	63.1
50.	KAMAN AIRCRAFT CORP.	83.8	0.3	63.4
51.	GOODYEAR TIRE & RUBBER CO.	26.3	0.1	
	Goodyear Aircraft Corp.	56.8	0.2	
	Kelly Springfield Tire Co.	0.1	d/	
	Total	83.2	0.3	63.7
52.	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	82.1	0.3	64.0
53.	AMERICAN BOSCH ARMA CORP.	81.4	0.3	64.3
54.	INTERNATIONAL HARVESTER CO.	79.3	0.3	
	Hough (Frank G.) Co.	1.4	d/	
	Macleod & Co.	c/	d/	
	Solar Aircraft Co.	0.1	d/	
	Total	80.8	0.3	64.6
55.	MAGNAVOX CO.	73.2	0.3	64.9
56.	LEAR-SIEGLER, INC.	71.2	0.3	
	Olympic Radio & Television Sales Corp.	0.1	d/	
	Rett Electronics, Inc.	1.8	d/	
	Total	73.1	0.3	65.2
57.	GENERAL PRECISION EQUIPMENT CORP.	0.0	d/	
	General Precision, Inc.	69.2	0.3	
	Graflex, Inc.	1.1	d/	
	Shand & Jurs Co.	c/	d/	
	Strong Electric Corp.	0.2	d/	
	Total	70.5	0.3	65.5

TABLE 1 (Continued)

Rank	Companies	Millions of Dollars	Percent of U.S. Total	Cumulative Percent of U.S. Total
58.	SHELL CARIBBEAN PETROLEUM CO.	\$ 32.8	0.1	
	International Lubricant Corp.	1.1	d/	
	Shell Oil Co.	32.5	0.2	
	Total	<u>57.4</u>	0.3	65.8
59.	SOCONY MOBIL OIL CO.	65.8	0.3	66.1
60.	AEROSPACE CORP.	63.4	0.3	66.4
61.	MORRISON-KNUDSEN & ASSOCIATES g/	61.0	0.2	66.6
62.	BOWEN-McLAUGHLIN-YORK, INC.	59.0	0.2	66.8
63.	EASTMAN KODAK CO.	54.4	0.2	
	Eastman Chemical Products, Inc.	0.2	d/	
	Eastman Kodak Stores, Inc.	0.3	d/	
	Recordak Corp.	0.5	d/	
	Total	<u>55.4</u>	0.2	67.0
64.	OLIN MATTHESON CHEMICAL CORP.	53.3	0.2	67.2
65.	BATH IRON WORKS CORP.	50.4	0.2	
	Eyde Windlass Co.	0.8	d/	
	Total	<u>51.2</u>	0.2	67.4
66.	HAYES INTERNATIONAL CORP.	51.0	0.2	67.6
67.	GARRETT CORP.	46.7	0.2	67.8
68.	MASON & HANGER - SILAS MASON CO.	44.3	0.2	68.0
69.	CONTINENTAL OIL CO.	35.9	0.2	
	Douglas Oil Co.	1.0	d/	
	Malco Products, Inc.	6.1	d/	
	Westcott Oil Corp.	c/	d/	
	Western Oil & Fuel Co.	1.2	d/	
	Total	<u>44.2</u>	0.2	68.2
70.	JOHNS HOPKINS UNIVERSITY	44.0	0.2	68.4
71.	Du PONT (E. I.) De NEMOURS & CO.	8.1	d/	
	Remington Arms Co.	34.1	0.2	
	Total	<u>42.2</u>	0.2	68.6
72.	HARDEMAN-FISCHBACK b/	40.9	0.2	68.8

TABLE 1 (Continued)

Rank	Companies	Millions of Dollars	Percent of U.S. Total	Cumulative Percent of U.S. Total
73.	TODD SHIPYARDS CORP.	\$ 40.4	0.2	69.0
74.	LABORATORY FOR ELECTRONICS, INC. Keleket X-Ray Corp. Total	40.3 c/ <u>40.3</u>	0.2 d/ 0.2	69.2
75.	KAISER-RAYMOND-MACCO-PUGET SOUND <u>1/</u>	39.7	0.2	69.4
76.	FLYING TIGER LINE, INC.	39.1	0.2	69.6
77.	MARQUARDT CORP.	38.8	0.2	69.8
78.	HARRINGTON & RICHARDSON, INC.	38.5	0.2	70.0
79.	RICHFIELD OIL CORP. American Mineral Spirits Co. Total	38.3 0.1 <u>38.4</u>	0.2 d/ 0.2	70.2
80.	STANDARD OIL CO. (INDIANA) American Oil Co. Amoco Chemicals Corp. Total	0.0 34.0 2.8 <u>36.8</u>	0.0 0.1 d/ 0.1	70.3
81.	HAZELTINE CORP.	36.0	0.1	70.4
82.	CITIES SERVICE CO. Cities Service Gas Go. Cities Service Oil Co. Total	0.0 0.5 <u>35.3</u> <u>35.8</u>	0.0 d/ 0.1 0.1	70.5
83.	SYSTEM DEVELOPMENT CORP.	35.1	0.1	70.6
84.	VITRO CORP. OF AMERICA	35.0	0.1	70.7
85.	FAIRCHILD STRATOS CORP.	35.0	0.1	70.8
86.	MOTOROLA, INC. Dahlberg Co. Motorola Aviation Electronics, Inc. Motorola Communications & Electronics, Inc. Motorola Overseas Corp. Motorola Semiconductor Products, Inc. Total	30.3 0.5 0.1 2.5 c/ 0.1 <u>33.5</u>	0.1 d/ d/ d/ d/ d/ 0.1	70.9
87.	RYAN AERONAUTICAL CO.	33.4	0.1	71.0

TABLE 1 (Continued)

Rank	Companies	Millions of Dollars	Percent o. ^r U.S. Total	Cumulative Percent of U.S. Total
88.	MOTEC INDUSTRIES, INC.	\$ 33.1	0.1	71.1
89.	ARO, INC.	32.8	0.1	71.2
90.	SANDERS ASSOCIATES, INC.	32.1	0.1	71.3
91.	PHILLIPS PETROLEUM CO.	32.0	0.1	71.4
92.	UNIVERSAL AMERICAN CORP. Amron Corp. Hardeman (Paul), Inc. Norma -Hoffman Bearings Corp.	0.0 16.8 14.0 0.1	0.0 0.1 <u>d/</u> <u>d/</u>	
	Total	<u>31.9</u>	<u>0.1</u>	71.5
93.	MITRE CORP.	30.2	0.1	71.6
94.	OGDEN CORP. Avondale Shipyards, Inc. Commercial Filters Corp.	0.0 30.2 <u>c/</u>	0.0 0.1 <u>d/</u>	
	Total	<u>30.2</u>	<u>0.1</u>	71.7
95.	HARVEY ALUMINUM, INC. Harvey Aluminum Sales, Inc.	7.9 21.1	<u>d/</u> <u>0.1</u>	
	Total	<u>29.0</u>	<u>0.1</u>	71.8
96.	TEXAS INSTRUMENTS, INC. Metals & Controls, Inc.	29.0 <u>c/</u>	0.1 <u>d/</u>	
	Total	<u>29.0</u>	<u>0.1</u>	71.9
97.	GILFILLAN CORP.	28.9	0.1	72.0
98.	BLOUNT BROTHERS CONSTRUCTION CO.	28.8	0.1	72.1
99.	HALLICRAFTERS CO. Manson Laboratories, Inc.	25.4 3.3	0.1 <u>d/</u>	
	Total	<u>28.7</u>	<u>0.1</u>	72.2
100.	UNION CARBIDE CORP.	27.2	0.1	72.3

TABLE 1 (Continued)

FOOTNOTES:

a/ Net value of new procurement actions minus cancellations, terminations and other credit transactions. The data include debit and credit procurement actions of \$10,000 or more, under military supply, service and construction contracts for work in the U. S.; plus awards to listed companies and other identifiable U. S. companies for work overseas.

Procurement actions include definitive contracts, the obligated portions of letter of intent and letter contracts, purchase orders, job orders, task orders, delivery orders, and any other orders against existing contracts. The data do not include that part of open-end or indefinite quantity contracts that have not been translated into specific orders on business firms. The data do not include purchase commitments or pending cancellations that have not yet become mutually binding agreements between the government and the company.

b/ The assignment of subsidiaries to parent companies is based on stock ownership of 50% or more by the parent company, as indicated by data published in standard industrial reference sources. The company totals do not include contracts made by other U. S. Government agencies and financed with Department of Defense funds, or contracts awarded in foreign nations through their respective governments. The company names and corporate structures are those in effect as of 30 June 1962. Only those subsidiaries are shown for which procurement actions have been reported.

c/ Less than \$50,000.

d/ Less than 0.05%.

e/ Stock ownership is equally divided between General Motors Corp. and Standard Oil Co. of New Jersey; half of the total military awards is shown under each of the parent companies.

f/ Stock ownership is equally divided between Standard Oil Co. of California and Texaco, Inc.; half of the total of military awards is shown under each of the parent companies.

g/ A joint venture of Morrison-Knudsen Co., Inc., Paul Hardeman, Inc., Perini Corp., and C. H. Leavell & Co.

h/ A joint venture of Paul Hardeman, Inc., and Fischback and Moore, Inc.

i/ A joint venture of Henry J. Kaiser Co., Raymond International, Inc., Macco Corp., and Puget Sound Bridge & Dry Dock Co.

INDEX OF 100 PARENT COMPANIES WHICH WITH THEIR SUBSIDIARIES RECEIVED THE
LARGEST DOLLAR VOLUME OF MILITARY PRIME CONTRACT AWARDS IN FISCAL YEAR 1961

Rank	Parent Company	Rank	Parent Company
75.	Aerospace Corp.	85.	Laboratory for Electronics, Inc.
35.	American Bosch Arms Corp.	60.	Lear, Inc.
30.	American Machine & Found., Co.	61.	Ling-Temco Electronics, Inc.
8.	American Telephone & Telegraph Co.	3.	Lockheed Aircraft Corp.
97.	Aro, Inc.	79.	Magnavox Co.
21.	Avco Corp.	71.	Marine Transport Lines
46.	Bath Iron Works Corp.	98.	Marquardt Corp.
20.	Bendix Corp.	6.	Martin Co.
44.	Bethlehem Steel Corp.	73.	Mason & Hanger - Silas Mason Co.
4.	Boeing Co.	41.	Massachusetts Institute of Technology
33.	Burroughs Corp.	23.	McDonnell Aircraft Corp.
36.	Chance Vought Corp.	88.	Midland Constructors, Inc.
27.	Chrysler Corp.	40.	Minneapolis-Honeywell Regulator Co.
37.	Collins Radio Co.	62.	Morrison-Knudsen Co., Inc.
49.	Continental Motors Corp.	100.	Motorola, Inc.
78.	Continental Oil Co.	18.	Newport News Shipbuilding & Dry Dock Co.
93.	Cook Electric Co.	2.	North American Aviation, Inc.
47.	Curtiss-Wright Corp.	83.	Northern Pump Co.
14.	Douglas Aircraft Co.	28.	Northrop Corp.
66.	du Pont (E.I.) de Nemours & Co.	59.	Olin Mathieson Chemical Corp.
70.	Eastman Kodak Co.	29.	Pan American World Airways, Inc.
64.	Eby (Martin K.) Construction Co.	31.	Philco Corp.
38.	F M C Corp.	10.	Radio Corp. of America
69.	Fairchild Stratos Corp.	15.	Raytheon Co.
91.	Firestone Tire & Rubber Co.	16.	Republic Aviation Corp.
74.	Fluor Corp., Ltd.	76.	Richfield Oil Corp.
43.	Ford Motor Co.	65.	Ryan Aeronautical Co.
54.	Fuller (G. A.) and Webb (Dei E.)	52.	Sanders Associates, Inc.
82.	Fuller-Webb-Hardeman	57.	Shell Caribbean Petroleum Co.
56.	Garrett Corp.	96.	Sinclair Oil Corp.
1.	General Dynamics Corp.	58.	Socony Mobil Oil Co.
5.	General Electric Co.	9.	Sperry Rand Corp.
19.	General Motors Corp.	80.	Standard Kollsman Industries, Inc.
42.	General Precision Equipment Corp.	34.	Standard Oil Co. of California
55.	General Telephone & Electronics Corp.	81.	Standard Oil Co. (Indiana)
17.	General Tire & Rubber Co.	26.	Standard Oil Co. (New Jersey)
53.	Goodyear Tire & Rubber Co.	72.	System Development Corp.
22.	Grumman Aircraft Engineering Corp.	39.	Texaco, Inc.
48.	Hallicrafters. Co.	99.	Texas Instruments, Inc.
87.	Hazeltine Corp.	50.	Textron, Inc.
32.	Hercules Powder Co.	24.	Thickol Chemical Corp.
11.	Hughes Aircraft Co.	45.	Thompson Ramo Wooldridge, Inc.
86.	Ingalls Iron Works Co.	67.	Todd Shipyards Corp.
12.	International Business Machines Corp.	7.	United Aircraft Corp.
51.	International Harvester Co.	94.	Universal American Corp.
25.	International Telephone & Telegraph Corp.	90.	Vitro Corp. of America
63.	Johns Hopkins University	95.	Westinghouse Air Brake Co.
92.	Jones-Teer-Winkelmann	13.	Westinghouse Electric Corp.
68.	Kaman Aircraft Corp.	89.	White Motor Co.
77.	Kewanee Oil Co.		
84.	Keystone Shipping Co.		

TABLE 2
 100 COMPANIES AND THEIR SUBSIDIARIES LISTED ACCORDING TO
 NET VALUE OF MILITARY PRIME CONTRACT AWARDS
 Fiscal Year 1961
 (1 July 1960 - 30 June 1961)

Rank	Companies	Millions of Dollars	Percent of U.S. Total	Cumulative Percent of U.S. Total
	U. S. TOTAL a/	\$22,693.1	100.0%	100.0%
	TOTAL, 100 COMPANIES AND THEIR SUBSIDIARIES b/	16,841.9 r/	74.2 r/	74.2 r/
1.	GENERAL DYNAMICS CORP. Freeman Coal Mining Corp. Total	1,460.5 c/ 1,460.5 r/	6.5 d/ 6.5 r/	6.5 r/
2.	NORTH AMERICAN AVIATION, INC.	1,197.4	5.2	11.7
3.	LOCKHEED AIRCRAFT CORP. Grand Central Rocket Co. Lockheed Air Terminal, Inc. Lockheed Aircraft International, Inc. Lockheed Aircraft Service, Inc. Lockheed Electronics, Co. Puget Sound Bridge & Dry Dock Co. Total	1,133.0 1.5 0.7 6.9 20.2 10.0 2.9 1,175.2	5.0 d/ d/ d/ 0.1 0.1 d/ 5.2	16.9
4.	BOEING CO. Allied Research Associates Total	918.3 1.5 919.8	4.1 d/ 4.1	21.0
5.	GENERAL ELECTRIC CO. International General Electric Puerto Rico, Inc. Total	874.6 c/ 874.6	3.8 d/ 3.8	24.8
6.	MARTIN CO. (THE)	691.8	3.1	27.9
7.	UNITED AIRCRAFT CORP. United Technology Corp. Total	624.6 0.9 625.5	2.7 d/ 2.7	30.6
8.	AMERICAN TELEPHONE & TELEGRAPH CO. Chesapeake & Potomac Tel. Co. Teletype Corp. Western Electric Co. Total	7.1 1.1 8.1 534.3 550.6	d/ d/ 0.1 2.4 2.5	33.1

TABLE 2 (Continued)

Rank	Companies	Millions of Dollars	Percent of U.S. Total	Cumulative percent of U.S. Total
9.	SPERRY RAND CORP Vickers, Inc.	\$401.7 <u>6.3</u>	1.8 <u>d/</u>	
	Total	<u>408.0</u>	<u>1.8</u>	34.9
10.	RADIO CORP. OF AMERICA	392.3	1.7	36.6
11.	HUGHES AIRCRAFT CO.	331.2	1.5	38.1
12.	INTERNATIONAL BUSINESS MACHINES CORP. Service Bureau Corp.	329.4 <u>0.6</u>	1.4 <u>d/</u>	
	Total	<u>330.0</u>	<u>1.4</u>	39.5
13.	WESTINGHOUSE ELECTRIC CORP. Bryant Electric Co.	307.6 <u>0.1</u>	1.4 <u>d/</u>	
	Total	<u>307.7</u>	<u>1.4</u>	40.9
14.	DOUGLAS AIRCRAFT CO. Astropower, Inc.	307.4 <u>c/</u>	1.4 <u>d/</u>	
	Total	<u>307.4</u>	<u>1.4</u>	42.3
15.	RAYTHEON CO. Machlett Laboratories, Inc. Sorenson & Co., Inc.	303.7 <u>1.1</u> <u>0.1</u>	1.3 <u>d/</u> <u>d/</u>	
	Total	<u>304.9</u>	<u>1.3</u>	43.6
16.	REPUBLIC AVIATION CORP.	295.7	1.3	44.9
17.	GENERAL TIRE & RUBBER CO. Aerojet General Corp. Aerojet General Nucleonics Byers (A.M.) Co. Space Electronics Corp. Stauffer-Aerojet Chemical Co.	25.9 261.7 0.8 0.5 0.9 <u>0.4</u>	0.1 1.2 <u>d/</u> <u>d/</u> <u>d/</u> <u>d/</u>	
	Total	<u>290.2</u>	<u>1.3</u>	46.2
18.	NEWPORT NEWS SHIPBUILDING & DRY DOCK CO.	290.2	1.3	47.5
19.	GENERAL MOTORS CORP. Ethyl Corp. e/ Frigidaire Sales Corp.	280.2 <u>0.5</u> <u>1.1</u>	1.2 <u>d/</u> <u>d/</u>	
	Total	<u>281.8</u>	<u>1.2</u>	48.7
20.	BENDIX CORP. Bendix-Westinghouse Automotive Air Brake Co. Cleveland Instrument Co. Sheffield Corp.	266.4 0.1 <u>c/</u> <u>0.3</u>	1.1 <u>d/</u> <u>d/</u> <u>1.1</u>	
	Total	<u>266.8</u>	<u>1.1</u>	49.8

TABLE 2 (Continued)

Rank	Companies	Millions of Dollars	Percent of U.S. Total	Cumulative Percent of U.S. Total
21.	AVCO CORP.	\$251.6	1.1	50.9
22.	GRUMMAN AIRCRAFT ENGINEERING CORP.	237.8	1.1	
	Dynamic Development, Inc.	0.1	d/	
	Pearson Corp.	0.1	d/	
	Total	<u>238.0</u>	<u>1.1</u>	52.0
23.	McDONNELL AIRCRAFT CORP.	219.9	1.0	53.0
24.	THIOKOL CHEMICAL CORP.	210.0	0.9	53.9
25.	INTERNATIONAL TELEPHONE & TELEGRAPH CORP.	143.9	0.6	
	Federal Electric Corp.	55.8	0.3	
	International Electric Corp.	0.1	d/	
	Jennings Radio Mfg. Co.	0.2	d/	
	Kuthe Laboratories, Inc.	1.3	d/	
	Mackay Radio & Telegraph Co.	0.1	d/	
	Royal Electric Corp.	0.1	d/	
	Suprenant Mfg. Co.	0.1	d/	
	Total	<u>201.6</u>	<u>0.9</u>	54.8
26.	STANDARD OIL CO. (NEW JERSEY)	0.0	0.0	
	Esso International, Inc.	87.4	0.4	
	Esso Research & Engineering Co.	2.2	d/	
	Ethyl Corp. e/	0.4	d/	
	Gilbert & Barker Mfg. Co.	c/	d/	
	Humble Oil & Refining Co.	72.7	0.3	
	Jersey Production Research Co.	0.2	d/	
	Standard-Vacuum Oil Co. f/	4.7	d/	
	Total	<u>167.7</u>	<u>0.7</u>	55.5
27.	CHRYSLER CORP.	158.2	0.7	56.2
28.	NORTHROP CORP.	144.8	0.6	
	Page Communications Engineers, Inc.	<u>10.8</u>	<u>0.1</u>	
	Total	<u>155.6</u>	<u>0.7</u>	56.9
29.	PAN AMERICAN WORLD AIRWAYS, INC.	127.4	0.6	
	Pan American-Grace Airways, Inc.	c/	d/	
	Total	<u>127.4</u>	<u>0.6</u>	57.5
30.	AMERICAN MACHINE & FOUNDRY CO.	119.8	0.5	
	Beaird (J. B.) & Co.	c/	d/	
	Total	<u>119.8</u>	<u>0.5</u>	58.0
31.	PHILCO CORP.	118.8	0.5	58.5

TABLE 2 (Continued)

Rank	Companies	Millions of Dollars	Percent of U.S. Total	Cumulative Percent of U.S. Total
32.	HERCULES POWDER CO.	\$117.0	0.5	59.0
33.	BURROUGHS CORP. Control Instrument Co., Inc.	107.8 3.7 <u>111.5</u>	0.5 d/ 0.5	59.5
34.	STANDARD OIL CO. OF CALIFORNIA American Bitumuls & Asphalt Co. California Oil Co. California Research Corp. California Tanker Co. California Texas Oil Corp. g/ Total	65.5 c/ 11.0 0.3 c/ 32.6 <u>109.4</u>	0.3 d/ 0.1 d/ d/ 0.1 <u>0.5</u>	60.0
35.	AMERICAN BOSCH ARMA CORP.	107.6	0.5	60.5
36.	CHANCE VOUGHT CORP.	102.5	0.4	60.9
37.	COLLINS RADIO CO. Alpha Corp. Communication Accessories Corp. Total	58.7 35.2 0.1 <u>94.0</u>	0.2 0.2 d/ <u>0.4</u>	61.3
38.	F M C Corp.	87.9	0.4	61.7
39.	TEXACO, INC. California Texas Oil Corp. g/ Paragon Oil Co. Texaco (Brazil), Inc. Texaco Experiment, Inc. Texaco Puerto Rico, Inc. Texaco Trinidad, Inc. Texas Petroleum Co. Total	27.0 32.6 2.2 0.2 0.3 1.9 5.7 15.6 <u>85.5</u>	0.1 0.2 d/ d/ d/ d/ 0.1 <u>0.4</u>	62.1
40.	MINNEAPOLIS-HONEYWELL REGULATOR CO.	85.5	0.4	62.5
41.	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	82.5	0.4	62.9
42.	GENERAL PRECISION EQUIPMENT CORP. GPE Controls, Inc. General Precision, Inc. Graflex, Inc. Strong Electric Corp. Total	0.0 0.2 80.9 0.2 c/ <u>81.3</u>	0.0 d/ 0.4 d/ d/ <u>0.4</u>	63.3

TABLE 2 (Continued)

Rank	Companies	Millions of Dollars	Percent of U.S. Total	Cumulative Percent of U.S. Total
43.	FORD MOTOR CO.	\$81.0	0.4	63.7
44.	BETHLEHEM STEEL CORP. Bethlehem Steel Co. Bethlehem Steel Export Corp. Total	0.0 79.4 <u>c/</u> <u>79.4</u>	0.0 0.3 <u>d/</u> <u>0.3</u>	64.0
45.	THOMPSON RAMO WOOLDRIDGE, INC. Good-All Electric Mfg. Co. Pacific Semiconductors, Inc. Space Technology Laboratories, Inc. Total	24.3 0.2 0.8 <u>51.6</u> <u>76.9</u>	0.1 <u>d/</u> <u>d/</u> 0.2 <u>0.3</u>	64.3
46.	BATH IRON WORKS CORP.	73.1	0.3	64.6
47.	CURTISS-WRIGHT CORP.	69.8	0.3	64.9
48.	HALLICRAFTERS, INC.	68.9	0.3	65.2
49.	CONTINENTAL MOTORS CORP. Continental Aviation & Engineering Corp. Gray Marine Motor Co. Wisconsin Motor Corp. Total	51.5 16.5 0.2 <u>0.2</u> <u>68.4</u>	0.2 0.1 <u>d/</u> <u>d/</u> <u>0.3</u>	65.5
50.	TEXTRON, INC. Bell Aerospace Corp. Textron Electronics, Inc. Total	6.3 59.3 <u>0.2</u> <u>65.8</u>	<u>d/</u> 0.3 <u>d/</u> <u>0.3</u>	65.8
51.	INTERNATIONAL HARVESTER CO. Hough, (Frank G.) Co. Macleod & Co. Solar Aircraft Co. Total	51.5 2.0 <u>c/</u> <u>9.6</u> <u>63.1</u>	0.2 <u>d/</u> <u>d/</u> 0.1 <u>0.3</u>	66.1
52.	SANDERS ASSOCIATES, INC.	63.1	0.3	66.4
53.	GOODYEAR TIRE & RUBBER CO. Goodyear Aircraft Corp. Kelly-Springfield Tire Co. Total	21.8 40.8 <u>c/</u> <u>62.6</u>	0.1 0.2 <u>d/</u> <u>0.3</u>	66.7
54.	FULLER(G.L) & WEBB (D. E) b/	62.1	0.3	67.0

TABLE 2 (Continued)

Rank	Companies	Millions of Dollars	Percent of U.S. Total	Cumulative Percent of U.S. Total
55.	GENERAL TELEPHONE & ELECTRONICS CORP.	\$ 2.3	d/	
	Automatic Electric Sales Corp.	2.2	d/	
	General Telephone & Electronics			
	Laboratories, Inc.	0.3	d/	
	Lenkurt Electric Co., Inc.	3.8	d/	
	Sylvania Electric Products, Inc.	52.8	0.3	
	Total	51.4	0.3	67.3
56.	GARRETT CORP.	59.9	0.2	67.5
57.	SHELL CARIBBEAN PETROLEUM CO.	32.5	0.1	
	International Lubricant Corp.	0.8	d/	
	Shell Oil Co.	23.6	0.1	
	Total	56.9	0.2	67.7
58.	SOCONY MOBIL OIL CO., INC.	48.2	0.2	
	Standard-Vacuum Oil Co. f/	4.7	d/	
	Total	52.9	0.2	67.9
59.	OLIN MATHIESON CHEMICAL CORP.	50.0	0.2	
	Liberty Powder Defense Corp.	2.5	d/	
	Total	52.5	0.2	68.1
60.	LEAR, INC.	50.2	0.2	68.3
61.	LING-TEMCO ELECTRONICS, INC.	0.3	d/	
	Altec Lansing Corp.	0.2	d/	
	Continental Electronics Mfg. Co.	4.8	d/	
	F & M Electronics	0.5	d/	
	Temco Electronic & Missiles Co.	40.8	0.2	
	University Loudspeakers, Inc.	0.2	d/	
	Total	46.8	0.2	68.5
62.	MORRISON-KNUDSEN CO.	45.5	0.2	
	Ferguson (H.K.) Co.	0.1	d/	
	Total	45.6	0.2	
63.	JOHNS HOPKINS UNIVERSITY	44.6	0.2	68.9
64.	EBY (MARTIN K.) CONSTRUCTION CO.	42.1	0.2	69.1
65.	RYAN AERONAUTICAL CO.	42.0	0.2	69.3
66.	DU PONT (E. I.) DE NEMOURS & CO.	7.1	d/	
	Remington Arms Co.	34.0	0.2	
	Total	41.1	0.2	69.5

TABLE 2 (Continued)

Rank	Companies	Millions of Dollars	Percent of U. S. Total	Cumulative Percent of U.S. Total
67.	TODD SHIPYARDS CORP.	\$40.6	0.2	69.7
68.	KAMAN AIRCRAFT CORP.	40.2	0.2	69.9
69.	FAIRCHILD STRATOS CORP.	39.8	0.2	70.1
70.	EASTMAN KODAK CO. Eastman Chemical Products, Inc. Eastman Kodak Stores, Inc. Recordak Corp.	37.7 0.1 0.1 0.4	0.2 d/ d/ d/	70.3
	Total	<u>38.3</u>	<u>0.2</u>	
71.	MARINE TRANSPORT LINES, INC.	37.2	0.2	70.5
72.	SYSTEM DEVELOPMENT CORP.	36.7	0.2	70.7
73.	MASON & HANGER - SILAS MASON CO.	36.5	0.2	70.9
74.	FLUOR CORP., LTD.	35.6	0.2	71.1
75.	AEROSPACE CORP.	34.8	0.2	71.3
76.	RICHFIELD OIL CORP. American Mineral Spirits Co.	33.8 <u>0.5</u>	0.2 d/	71.5
	Total	<u>34.3</u>	<u>0.2</u>	
77.	KEWANEE OIL CO. Mathiasens Tanker Industries, Inc.	0.0 <u>34.3</u>	0.0 0.2	71.7
	Total	<u>34.3</u>	<u>0.2</u>	
78.	CONTINENTAL OIL CO. Douglas Oil Co. Malco Products, Inc. Westcott Oil Corp.	27.0 0.5 6.2 c/	0.2 d/ d/ d/	71.9
	Total	<u>33.7</u>	<u>0.2</u>	
79.	MAGNAVOX CO.	32.4	0.2	72.1
80.	STANDARD KOLLMAN INDUSTRIES, INC. Kollman Instrument Corp. Kollman Motor Corp. Richardson-Allen Corp.	0.0 32.0 0.2 c/	0.0 0.1 d/ d/	72.2
	Total	<u>32.2</u>	<u>0.1</u>	

TABLE 2 (Continued)

Rank	Companies	Millions of Dollars	Percent of U.S. Total	Cumulative Percent of U.S. Total
81.	STANDARD OIL CO. (INDIANA)	\$ 17.0	0.1	
	American Oil Co.	14.6	d/	
	Amoco Chemicals Corp.	c/	d/	
	Total	<u>31.6</u>	<u>0.1</u>	72.3
82.	FULLER-WEBB-HARDEMAN <u>j/</u>	31.1	0.1	72.4
83.	NORTHERN PUMP CO.	0.0	0.0	
	Northern Ordnance Co.	<u>30.6</u>	<u>0.1</u>	
	Total	<u>30.6</u>	<u>0.1</u>	72.5
84.	KEYSTONE SHIPPING CO.	30.6	0.1	72.6
85.	LABORATORY FOR ELECTRONICS	29.7	0.1	72.7
86.	INGALLS IRON WORKS CO.	0.0	0.0	
	Ingalls Shipbuilding Corp.	<u>29.6</u>	<u>0.1</u>	
	Total	<u>29.6</u>	<u>0.1</u>	72.8
87.	HAZELTINE CORP.	29.2	0.1	
	Hazeltine Research Corp.	0.1	d/	
	Hazeltine Technical Development Center, Inc.	0.2	d/	
	Total	<u>29.5</u>	<u>0.1</u>	72.9
88.	MIDLAND CONSTRUCTORS, INC. <u>j/</u>	28.9	0.1	73.0
89.	WHITE MOTOR CO.	28.6	0.1	
	Oliver Corp.	0.1	d/	
	Total	<u>28.7</u>	<u>0.1</u>	73.1
90.	VITRO CORP. OF AMERICA	28.4	0.1	73.2
91.	FIRESTONE TIRE & RUBBER CO.	28.2	0.1	73.3
92.	JONES-TEER-WINKELMAN <u>k/</u>	28.1	0.1	73.4
93.	COOK ELECTRIC CO.	28.1	0.1	73.5
94.	UNIVERSAL AMERICAN CORP.	0.0	d/	
	Amron Corp.	1.5	d/	
	Hardeman (Paul), Inc.	26.2	0.1	
	Norma-Hoffman Bearings Corp.	0.2	d/	
	Total	<u>27.9</u>	<u>0.1</u>	73.6

TABLE 2 (Continued)

Rank	Companies	Millions of Dollars	Percent of U.S. Total	Cumulative Percent of U.S. Total
95.	WESTINGHOUSE AIR BRAKE CO. Le Tourneau-Westinghouse Co. Melpar, Inc.	\$ 0.2 0.9 26.8 <hr/> 27.9	d/ d/ 0.1 <hr/> 0.1	73.7
96.	SINCLAIR OIL CORP.	26.8	0.1	73.8
97.	ARO, INC.	26.4	0.1	73.9
98.	MARQUARDT CORP.	26.3	0.1	74.0
99.	TEXAS INSTRUMENTS, INC.	26.2	0.1	74.1
100.	MOTOROLA, INC. Motorola Aviation Electronics, Inc. Motorola Communications & Electronics, Inc.	24.7 0.2 <hr/> 0.6 <hr/> 25.6	0.1 d/ <hr/> 0.1	74.2

FOOTNOTES:

a/ Net value of new procurement actions minus cancellations, terminations and other credit transactions. The data include debit and credit procurement actions of \$10,000 or more, under military supply, service and construction contracts for work in the U. S.; plus awards to listed companies and other identifiable U. S. companies for work overseas.

Procurement actions include definitive contracts, the obligated portions of letter of intent and letter contracts, purchase orders, job orders, task orders, delivery orders, and any other orders against existing contracts. The data do not include that part of open-end or indefinite quantity contracts that have not been translated into specific orders on business firms. The data do not include purchase commitments or pending cancellations that have not yet become mutually binding agreements between the government and the company.

b/ The assignment of subsidiaries to parent companies is based on stock ownership of 50% or more by the parent company, as indicated by data published in standard industrial reference sources. The company totals do not include contracts made by other U. S. Government agencies and financed with Department of Defense funds, or contracts awarded in foreign nations through their respective governments. The company names and corporate structures are those in effect as of 30 June 1961. Only those subsidiaries are shown for which procurement actions have been reported.

TABLE 2 (Continued)

c/ Less than \$50,000.

d/ Less than 0.05%.

e/ Stock Ownership is equally divided between General Motors Corp. and Standard Oil Co. of New Jersey; half of the total military awards is shown under each of the parent companies.

f/ Stock ownership is equally divided between Standard Oil Co. of New Jersey and Socony Mobil Oil Co.; half of the total of military awards is shown under each of the parent companies.

g/ Stock ownership is equally divided between Standard Oil Co. of California and Texaco, Inc.; half of the total of military awards is shown under each of the parent companies.

h/ A joint venture of George A. Fuller Co. and Del E. Webb Corp.

i/ A joint venture of George A. Fuller Co., Del E. Webb Corp. and Paul Hardeman, Inc.

j/ A joint venture of Hardaway Contracting Co., Oman Construction Co., Inc., R. P. Farnsworth & Co., Inc., and Wright Constructing Co.

k/ A joint venture of J. A. Jones Construction Co., Nello L. Teer Co., and D. R. Winkelman Co.

r/ Revised